

LCD Projectors

Dimensions

CP-X5555
CP-X5550
CP-WX5505
CP-WX5500

CP-WU5505
CP-WU5500

Projection Distance

On a horizontal surface

Suspended from the ceiling

CP-X5555 / CP-X5550 (1,024 x 768) (±8%)

Screen type	Screen size				Projection distance a				Screen height			
	H		V		min.		max.		b		c	
in.	m	in.	m	in.	m	in.	m	in.	cm	in.	cm	in.
60	1.2	48	0.9	36	1.7	65	2.7	107	91	36	0	0
80	1.6	64	1.2	48	2.2	88	3.6	144	122	48	0	0
100	2.0	80	1.5	60	2.8	111	4.6	180	152	60	0	0
120	2.4	96	1.8	72	3.4	133	5.5	217	183	72	0	0
150	3.0	120	2.3	90	4.3	168	6.9	272	229	90	0	0
200	4.1	160	3.0	120	5.7	224	9.2	364	305	120	0	0
250	5.1	200	3.8	150	7.1	281	11.6	456	381	150	0	0
300	6.1	240	4.6	180	8.6	338	13.9	548	457	180	0	0

CP-WX550S / CP-WX5500										(1,280 x 800) (±8%)			
Screen type	Screen size				Projection distance a				Screen height				
	H		V		min.		max.		b		c		
in.	m	in.	m	in.	m	in.	m	in.	m	in.	cm	in.	
60	1.3	51	0.8	32	1.7	69	2.9	113	81	32	0	0	
80	1.7	68	1.1	42	2.4	93	3.9	152	108	42	0	0	
100	2.2	85	1.3	53	3.0	117	4.8	191	135	53	0	0	
120	2.6	102	1.6	64	3.6	141	5.8	230	162	64	0	0	
150	3.2	127	2.0	79	4.5	177	7.3	288	202	79	0	0	
200	4.3	170	2.7	106	6.0	237	9.8	385	269	106	0	0	
250	5.4	212	3.4	132	7.6	298	12.3	483	337	132	0	0	
300	6.5	254	4.0	159	9.1	358	14.7	580	404	159	0	0	

CP-WU5505 / CP-WU5500										(1,920 x 1,200) (±8%)			
Screen type	Screen size				Projection distance a				Screen height				
	H		V		min.		max.		b		c		
in.	m	in.	m	in.	m	in.	m	in.	cm	in.	cm	in.	
60	1.3	5.1	0.8	3.2	1.7	68	3.0	118	81	32	0	0	
80	1.7	68	1.1	4.2	2.3	91	4.0	158	108	42	0	0	
100	2.2	85	1.3	5.3	2.9	115	5.0	198	135	53	0	0	
120	2.6	102	1.6	6.4	3.5	138	6.0	238	162	64	0	0	
150	3.2	127	2.0	7.9	4.4	173	7.6	298	202	79	0	0	
200	4.3	170	2.7	10.6	5.9	231	10.1	397	269	106	0	0	
250	5.4	212	3.4	13.2	7.4	290	12.6	497	337	132	0	0	
300	6.5	254	4.0	15.9	8.8	348	15.2	597	404	159	0	0	

Terminals

The diagram shows the back panel of a device with the following labeled terminals:

- HDMI OUT**: Points to the top-left HDMI port.
- HDMI1/MHL**: Points to the top-middle HDMI port.
- HDMI 2**: Points to the top-right HDMI port.
- HDBaseT***: Points to the top-left RJ45 port.
- WIRELESS LAN**: Points to the top-right RJ45 port.
- COMPUTER IN**: Points to the VGA port.
- AUDIO IN 1**: Points to the first of two 3.5mm audio input ports.
- AUDIO IN 2**: Points to the second of two 3.5mm audio input ports.
- VIDEO**: Points to the composite video input port.
- CONTROL**: Points to the 5-pin DIN control port.
- AUDIO OUT**: Points to the first of two 3.5mm audio output ports.
- MONITOR OUT**: Points to the second of two 3.5mm audio output ports.
- REMOTE CONTROL IN / OUT**: Points to the IR sensor and emitter area.

* Equipped with CP-X5555, CP-WX5505, and CP-WU5505 only.

Design and specifications are subject to change without notice.

- The projected images and comparison photos in this catalog are simulations.
- LCD panels, polarizers and other optical components and cooling fans may need replacement after prolonged usage. For more details, please consult a Hitachi sales representative.
- Do not use in places where there is a lot of water, dampness, steam, dust, soot or tobacco smoke. This may result in fire or malfunction.
- Optical components (lamp, LCD panel, polarizing plate, PBS [polarizer beam splitter]) have limited service lives. They must be repaired or replaced if they are used for a long period of time.
- These projectors use a mercury lamp with high internal pressure. Because of its properties, this lamp may burst with a loud noise or burn out if struck or after it has been used for a period of time. The time until it bursts or burns out varies greatly according to differences between lamps and usage conditions. Turning the lamp's power on and off frequently shortens its service life.
- Optical components other than the lamp: If the projector is used for six hours or more per day, they may need to be replaced in less than a year.
- LCD panel: If the projector is used continuously for six hours or more, its replacement cycle may be shortened.
- Do not turn projector on again for ten minutes after shutdown. Neglect can shorten the lifetime or the lamp. During use and immediately after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot.
- Crestron® and Crestron RoomView® are registered trademarks of Crestron Electronics, Inc. in the United States and other countries.
- HDBaseT™ and the HDBaseT Alliance logo are trademarks of the HDBaseT Alliance.
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The logo for dnx pixelworks™. It features the lowercase letters 'dnx' in a stylized font, with a blue square containing a white 'x' to its right. Below this, the word 'pixelworks' is written in a bold, sans-serif font, followed by a trademark symbol (™).

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CP-X5555 / CP-WX5505 / CP-WU5505
CP-X5550 / CP-WX5500 / CP-WU5500

*Projected images are simulations

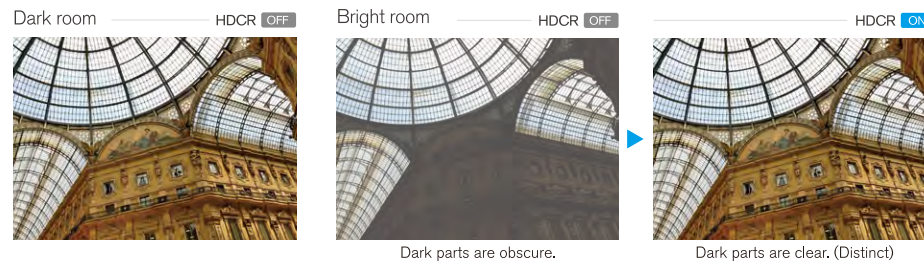
* Extron XTP: only for CP-X5555, CP-WX5505 and CP-WU5505.



Mounting accessories are not included in the box.

HDCR (High Dynamic Contrast Range)

When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. This results in clear images even in bright rooms.



ACCENTUALIZER

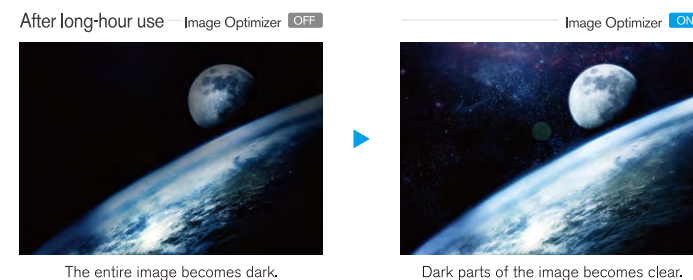
Hitachi original technology makes pictures look more real by enhancing (1) Shade, (2) Sharpness and (3) Gloss to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colors of projected images are the actual colors of the objects they represent.



Image Optimizer

Equipped with IMAGE OPTIMIZER, Hitachi's original function that maintains visibility of an image through automatic image correction in accordance with lamp consumption.

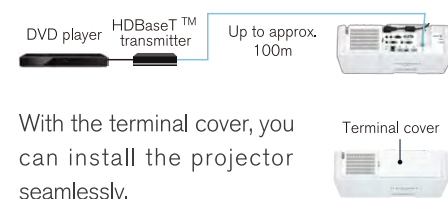
• This function may not work properly when HDCR/ACCENTUALIZER is ON.



Seamless Design

Equipped with HDBaseT™ input, capable of transmitting signals with no image degradation using standard LAN cables (Cat5e/6) of up to approx. 100m.

* For CP-WU5505/CP-WX5505/CP-X5555 only

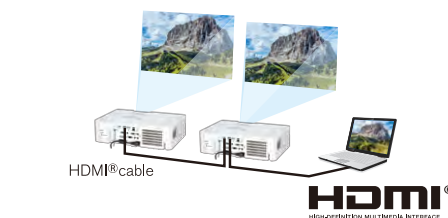


* You may not be able to attach the terminal cover when cables and devices are connected to the connectors other than the HDBaseT terminal.



HDMI IN / OUT

Equipped with two HDMI IN and one HDMI OUT terminals. The HDMI OUT outputs the signal from HDMI1 or HDBaseT input terminal, and allows to connect the projectors* in series in order to project the same images simultaneously.



* Up to 7 projectors can be connected in series for HDMI OUT terminal of this projector. The number of projectors that can be connected varies depending on a source device, cables, etc.

MHL®connectivity

The projectors' HDMI1 input terminal supports the MHL (Mobile High-Definition Link). This feature allows you to mirror the screen of your MHL-enabled smartphone / tablet on a projected screen.



LINE UP

* Local availability may be limited.



Instant Stack

Instant Stack lets you place one projector on top of another to project the same image from both onto a screen for added brightness. Overlaying the image is made easier with built-in tools including RS-232C control, Perfect Fit, Lens Shift, test pattern, and stacking alignment peg holes.



* When stacking projectors, there are various precautions and function limitations you should be aware of. Please ask your dealer for details.

Dual mode

Turns on the projectors at the same time.

Alternate mode

Turns on the projectors alternately.



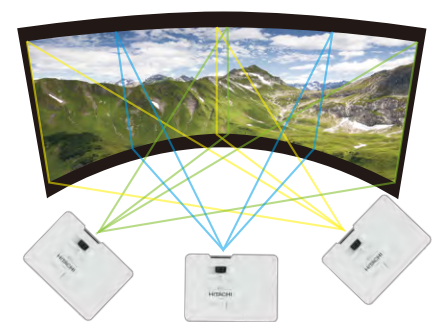
Backup function



When ALTERNATE is selected and an error occurs on one projector in operation, causing the lamp to turn off, the other projector in standby will automatically start to operate.

Edge Blending & Warping

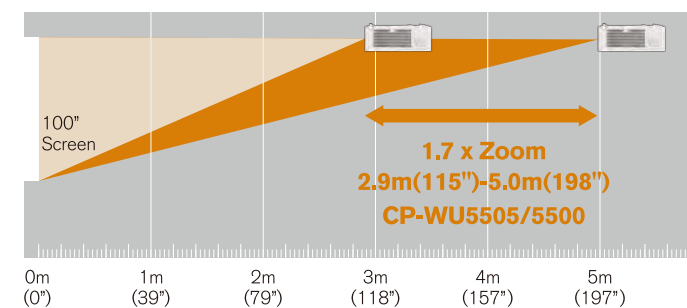
The multiple projectors allow to project one image on a huge curved screen by using the geometry correction and the edge blending functions simultaneously.



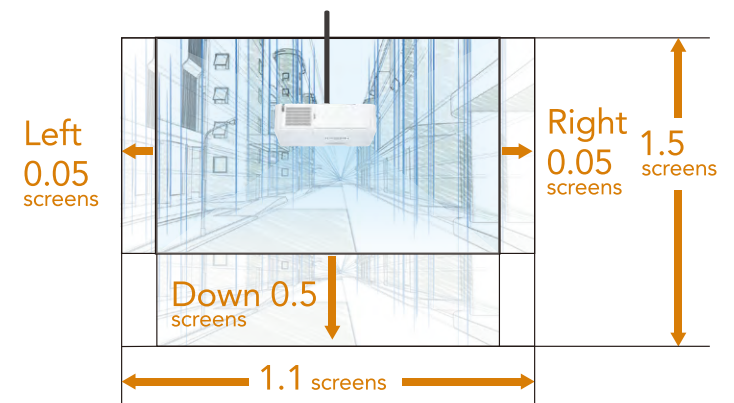
1.7 x Zoom*1 lens , Lens shift

Featuring a powerful 1.7x manual zoom lens, the projectors allow for a greater range of installation possibilities. Manually shift the lens horizontally and vertically, to position the image on the screen without causing keystone distortion.

CP-X5555 / CP-X5550 / CP-WX5505 / CP-WX5500 : 1.6x zoom



Lens shift area



* CP-WU5505 / CP-WU5500 : 0.044 screen to left or right (Total 1.088 screen)

Hybrid Filter

The projectors use a two-layer filter with an unwoven cloth and an HAF (High Air Flow) filter. The filter can last up to 20,000 hours* without cleaning, reducing maintenance time.

* Varies according to usage environment.



Other functions

- Convenient network
- Wireless capability (option)
- Smart device control & monitoring
- Direct Power On/Off
- Perfect fit
- PbyP / PinP
- DICOM® simulation mode
- Easy Scheduling Setting
- Wired Remote & Remote ID (option)